AMENDMENTS

In the Claims

Claims 12-25 and 42-60 were previously canceled.

Please amend claims 1-2, 5, 7-8, 26, 32, and 35-36 as shown herein.

Claims 1-11 and 26-41 are pending and are listed following:

1. **(currently amended)** A method, comprising:

generating an image of an operating system with a host computing device;

communicating the image of the operating system <u>from the host computing</u> <u>device</u> to a software development peripheral;

executing the operating system corresponding to the image with the software development peripheral;

communicating <u>test</u> information generated by the operating system <u>corresponding to the image from the software development peripheral</u> to the host computing device; and

displaying the <u>test</u> information generated by the operating system ~~with~~ <u>at</u> the host computing device.

2. **(currently amended)** A method as recited in claim 1, further comprising recognizing a configuration identification of the software development peripheral with a cross-platform development component of the host computing device <u>when the software development peripheral is communicatively linked with the host computing device.</u>

3.   (original)   A method as recited in claim 1, wherein generating includes generating the image of the operating system with a cross-platform development component of the host computing device.

4.   (original)   A method as recited in claim 1, further comprising recognizing a configuration identification of the software development peripheral with a cross-platform development component of the host computing device, and wherein generating includes generating the image of the operating system with the cross-platform development component, the image of the operating system corresponding to the configuration identification of the software development peripheral.

5.   (currently amended)   A method as recited in claim 1, further comprising debugging the test information generated by the operating system with a cross-platform development component of the host computing device.

6.   (original)   A method as recited in claim 1, further comprising connecting the software development peripheral to a network via a network communication driver of the host computing device, the network communication driver communicatively linked with the network and with a virtual network communication driver of the software development peripheral.

7.   **(currently amended)**   A method as recited in claim 1, wherein communicating includes communicating the test information generated by the operating system to the host computing device via a debug transport.

8.   **(currently amended)**   A method as recited in claim 1, wherein communicating includes communicating the test information generated by the operating system to the host computing device with a virtual device driver of the software development peripheral.

9.   **(original)**   A method as recited in claim 1, wherein communicating includes communicating image data generated by the operating system to a virtual input/output system of the host computing device with a virtual device driver of the software development peripheral.

10.   **(original)**   A method as recited in claim 1, further comprising receiving a keyboard input with the software development peripheral from a virtual input/output system of the host computing device, the keyboard input generated with a keyboard connected to the host computing device.

11.   **(original)**   A method as recited in claim 1, further comprising receiving a pointing device input with the software development peripheral from a virtual input/output system of the host computing device, the pointing device input generated with a pointing device connected to the host computing device.

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12-25. (canceled)

26. (currently amended) A system, comprising:

a host computing device configured to generate an image of an operating system; and

a software development peripheral configured to:

receive the image of the operating system from the host computing device;

execute the operating system corresponding to the image of the operating system; and

communicate test information generated by the operating system to the host computing device for display.

27. (original) A system as recited in claim 26, wherein the host computing device includes a first type of processor to generate the image of the operating system, and wherein the software development peripheral is configured to execute the operating system on a second type of processor, the second type of processor being different than the first type of processor.

28. (original) A system as recited in claim 26, wherein the host computing device is further configured to recognize the software development peripheral as a plug and play device when the software development peripheral is communicatively linked with the host computing device.

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29. (original) A system as recited in claim 26, wherein the host computing device includes a cross-platform development component configured to recognize a configuration identification of the software development peripheral when the software development peripheral is communicatively linked with the host computing device.

30. (original) A system as recited in claim 26, wherein the host computing device includes a cross-platform development component configured to generate the image of the operating system.

31. (original) A system as recited in claim 26, wherein the host computing device includes a cross-platform development component configured to recognize a configuration identification of the software development peripheral when the software development peripheral is communicatively linked with the host computing device, and wherein the cross-platform development component is further configured to generate the image of the operating system corresponding to the configuration identification of the software development peripheral.

32. (currently amended) A system as recited in claim 26, wherein the host computing device includes a cross-platform development component configured to debug the test information generated by the operating system.

33. **(original)** A system as recited in claim 26, wherein the host computing device and the software development peripheral are communicatively linked via a debug transport.

34. **(original)** A system as recited in claim 26, wherein the host computing device and the software development peripheral are communicatively linked via a universal serial bus connection.

35. **(currently amended)** A system as recited in claim 26, wherein the software development peripheral includes a virtual device driver configured to route the test information generated by the operating system to the host computing device, and wherein the host computing device includes a virtual input/output system configured to receive the test information generated by the operating system.

36. **(currently amended)** A system as recited in claim 26, wherein the host computing device includes a virtual input/output system configured to receive the test information generated by the operating system and route the test information to a display device.

37. **(original)** A system as recited in claim 26, wherein the software development peripheral is further configured to communicate image data generated by the operating system to the host computing device via a virtual display device driver.

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38. **(original)** A system as recited in claim 26, wherein the software development peripheral is further configured to communicate image data generated by the operating system to the host computing device via a virtual display device driver, and wherein the host computing device includes a virtual input/output system configured to receive the image data and route the image data to a display device.

39. **(original)** A system as recited in claim 26, wherein the software development peripheral is further configured to connect to a network via a network communication driver of the host computing device, the network communication driver communicatively linked with the network and with a virtual network communication driver of the software development peripheral.

40. **(original)** A system as recited in claim 26, wherein the host computing device includes a virtual input/output system configured to route a keyboard input to the software development peripheral.

41. **(original)** A system as recited in claim 26, wherein the host computing device includes a virtual input/output system configured to route a pointing device input to the software development peripheral.

42-60. **(canceled)**